

# Morbidity and Mortality

Weekly  
Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE  
PUBLIC HEALTH SERVICE

Prepared by the

COMMUNICABLE DISEASE CENTER

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PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED MAY 2, 1964

## INFLUENZA

### Minnesota

Outbreaks of influenza-like illness commencing in early to mid-April were reported from a number of counties in central and southern Minnesota.

An outbreak at the Faribault State School and Hospital, 40 miles south of Minneapolis, commenced about April 1 with a subsequent sporadic spread of cases throughout the institution. Some cases were reported from the immediate community. Influenza A<sub>2</sub> was isolated from a 17-year-old patient who demonstrated also a significant rise in complement-fixing antibodies.

An increased incidence of influenza-like disease in early and mid-April with occasional increases in school absenteeism was noted in the Minneapolis-St. Paul area. Outbreaks were also recorded in other central and southern Minnesota counties including Morrison, Mower, Ottertail, Rice, and Stearns Counties.

(Reported by D. S. Fleming, M.D., Director, Division of Disease Prevention and Control, Minnesota Department of Health).

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous weeks)

| Disease  | 18th Week Ended |                | Median<br>1959 - 1963 | Cumulative, First 18 Weeks |         |                       |
|--|-----------------|----------------|-----------------------|----------------------------|---------|-----------------------|
|  | May 2,<br>1964  | May 4,<br>1963 |                       | 1964                       | 1963    | Median<br>1959 - 1963 |
| Aseptic meningitis .....                                 | 30              | 22             | ---                   | 489                        | 392     | ---                   |
| Brucellosis .....  | 3               | 7              | 12                    | 133                        | 118     | 190                   |
| Diphtheria .....   | 6               | 3              | 11                    | 74                         | 107     | 253                   |
| Encephalitis, primary infectious ..                      | 41              | 37             | ---                   | 581                        | 498     | ---                   |
| Encephalitis, post-infectious .....                      | 33              |                | ---                   | 281                        |         | ---                   |
| Hepatitis, infectious including<br>serum hepatitis ..... | 747             | 804            | 813                   | 16,131                     | 17,962  | 17,962                |
| Measles .....  | 25,222          | 17,338         | 19,088                | 253,284                    | 229,338 | 243,243               |
| Meningococcal infections .....                           | 44              | 75             | 54                    | 1,092                      | 1,081   | 1,007                 |
| Poliomyelitis, Total .....                               | 1               | 1              | 9                     | 24                         | 48      | 136                   |
| Paralytic .....  | 1               | 1              | 8                     | 18                         | 43      | 88                    |
| Nonparalytic .....                                       | -               | -              | ---                   | 5                          | 2       | ---                   |
| Unspecified .....  | -               | -              | ---                   | 1                          | 3       | ---                   |
| Streptococcal Sore Throat and<br>Scarlet fever .....     | 9,501           | 7,568          | ---                   | 193,201                    | 169,872 | ---                   |
| Tetanus .....  | 2               | 11             | ---                   | 65                         | 68      | ---                   |
| Tularemia .....  | 2               | 6              | ---                   | 83                         | 70      | ---                   |
| Typhoid fever .....                                      | 7               | 8              | 11                    | 118                        | 124     | 175                   |
| Rabies in Animals .....                                  | 131             | 98             | 77                    | 1,619                      | 1,380   | 1,443                 |

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

|                | Cum. |                  | Cum. |
|----------------|------|------------------|------|
| Anthrax:       | 2    | Psittacosis:     | 13   |
| Botulism:      | 6    | Rabies in Man:   | -    |
| Leptospirosis: | 7    | Smallpox:        | -    |
| Malaria:       | 30   | Typhus-          |      |
| Plague:        | -    | Murine:          | 4    |
|                |      | Rky Mt. Spotted: | 7    |

## EPIDEMIOLOGICAL REPORTS

## BOTULISM—New York City

Two cases of botulism related to the ingestion of Canadian commercially canned liver paste were reported in New York City in November (See MMWR, Vol. 12, Page 386). Indirect evidence suggests that these were due to Type A botulism.

The 2 cases involved a married couple who had purchased 2 cans (7 ounce size) of Paragon label liver paste in early October.

Conflicting histories were obtained by several observers as to the dates the couple ate the liver paste. There seems little doubt that it was eaten on at least 2 occasions between the earliest possible date of purchase, October 5, until the last recalled date of ingestion, October 20.

The contents of the first can were consumed by both the husband and his wife about October 5 or 6; the can was discarded on Jones Beach. No unusual odor or taste was noted.

Between one and 2 weeks later, the second can of liver paste was opened; both husband and wife consumed portions of it. The following day, the husband took the remaining portion of the liver paste to work with him for his lunch. After a few mouthfuls, however, he threw it into the garbage can because, according to one account, the product had a bad taste. Only the husband ate any liver paste that day.

A few days later, he experienced the onset of symptoms which included diplopia, dysphagia, dysarthria, generalized weakness, a dry mouth and sore throat. He did not experience gastrointestinal symptoms. He was seen on 3 different occasions by several physicians, none of whom considered the diagnosis of botulism. Because of a red throat and an "upper respiratory infection," he was given antibiotics. Two days after the onset of her husband's symptoms, his wife experienced a transient diplopia, weakness of her hands, and similar, but milder, symptoms. She continued to work.

The symptoms in the couple persisted. On November 11, the husband went to a pharmacy in New York City to obtain medication for his fatigue and weakness. The pharmacist, upon hearing the patient's complaints, suspected botulism and questioned him about eating liver paste. The pharmacist urged the husband and his wife to seek medical attention immediately. The patient called the New York City Health Department; its field epidemiologist confirmed the diagnosis clinically, and arranged for immediate hospitalization through the patient's private physician.

On admission, the husband's vital capacity was measured as 75 percent of normal. He was noted to have mild dysarthria, peripheral muscle weakness, but no sensory disturbances. He had slight diplopia on admission, which rapidly cleared. Cerebral spinal fluid examination was negative. The patient reacted markedly to a test dose of the equine bivalent botulinus antitoxin; he, therefore, was not treated with the antisera.

The wife was not hospitalized, but observed as an out-patient. She did not receive antitoxin.

Both have recovered.

On November 17, the husband was well enough to lead a team of physicians and epidemiologists to the discarded can on Jones Beach. The can was cultured by the New York City Health Department Laboratories; *Clostridium botulinum* was not recovered.

The can, however, was identified as part of a lot of liver paste processed in Canada and shipped to the United States. Because of previous associated cases of botulism in Montreal (See MMWR, Vol. 12, Page 357), this product had been withdrawn from sale subsequent to the time of purchase by the two New York victims.

Type A botulinus toxin was identified by the New York City Health Department Laboratories in another can of the same lot number.

(Reported by Dr. Harold T. Fuerst, Director, Bureau of Preventable Disease, Department of Health, New York City, Dr. Tibor Fodor, Bureau of Preventable Diseases, New York City Health Department, and Dr. Daniel Wide-lock, Associate Director, New York City Health Department Laboratories; Dr. Edward W. Hook, New York Hospital, Cornell Medical Center, New York City, and an EIS Officer.)

*Editor's Note:* In the Canadian cases, the spores and toxin of *C. botulinum* Type B were detected by Dr. Roger Reed, McGill University, in the remnants of liver paste sandwiches consumed by 2 victims, who had purchased 3 oz. size cans.

According to Dr. F. S. Thatcher, Chief, Microbiology Section of the Canadian F.D.A., *C. botulinum* Type B was identified in unsold 3 oz. size cans of the liver paste. Type A toxin was identified in unsold 7 oz. size cans.

The Montreal cases were all believed due to Type B. No cases related to Type A have been reported in Canada.

The New York City cases have been ascribed to Type A botulism on the basis of the knowledge of the presence of this toxin in the 7 oz. size cans, although Type A was not specifically identified in one of the cans allegedly consumed by the couple.

## SALMONELLOSIS - Pennsylvania

Simultaneously, each of 4 members of an Allegheny County family of 5 were found to harbor different types of salmonella. A pet turtle appears to have been the source for 2 types; no source was found for the 2 other types.

On September 10, a 12-year-old boy experienced the onset of fever to 103°, chills, and mild diarrhea. He was hospitalized for 2 weeks, during which time both stool and blood cultures grew *Salmonella bredeney*. As part of a routine follow-up, the Allegheny County Health Department obtained stool cultures on the remaining members of his immediate family.

*Salmonella panama* was isolated from an asymptomatic 15-year-old brother; *Salmonella heidelberg* was isolated from the stool of a 7-year-old brother; and *Salmonella paratyphoid B* was isolated from their father's stool. Cultures obtained from the mother were negative for salmonella on 3 separate occasions.

The family had purchased two small pet painted turtles from a super market one week prior to the onset of symptoms in the 12-year-old. He had the duty of changing the turtle water daily, of removing the turtle, pouring out the water, refilling the tank with water, and replacing the turtle. The boy customarily ate breakfast immediately without washing his hands.

Cultures of water from the turtle's tank revealed *S. bredeney* and *S. panama*. The turtle food was negative for salmonella. No source of *S. paratyphoid B* and *S. heidelberg* could be demonstrated.

Well water, which the family used, was tested and found to be negative for salmonella. No other cases of salmonellosis were detected among individuals who also used the same well water.

It is surmised that the turtles may also have harbored *S. paratyphoid B* and *S. heidelberg*, as well as the 2 other serotypes.

One other case of *S. paratyphoid B* occurred in a 12-year-old boy from an unrelated family in Allegheny County. This boy had obtained a turtle from the same super market about 2 weeks earlier than the first family. Cultures of his turtle were negative for salmonella.

Cultures from within the super market have not been possible.

(Reported by Edwin Brown, M.D., Chief, Division of Disease Control, and Herbert R. Domke, M.D., Health Officer, Allegheny County Health Department; and, Dr. W. D. Schrack, Jr., Director, Division of Communicable Disease Control, Pennsylvania State Department of Health.)

## SUMMARY OF PNEUMONIA AND INFLUENZA DEATHS

The weekly average number of pneumonia-influenza deaths for the four-week period ending May 2 was 487 as compared with an expected weekly average of 503.

Pneumonia-Influenza Deaths in 108 Cities

|          | Week Ending |      |      |     | 4 Week | Weekly  |
|----------|-------------|------|------|-----|--------|---------|
|          | 4/11        | 4/18 | 4/25 | 5/2 | Total  | Average |
| Observed | 536         | 496  | 490  | 424 | 1,946  | 487     |
| Expected | 518         | 508  | 498  | 487 | 2,011  | 503     |
| Excess   | 18          | -12  | -8   | -63 | -65    | -16     |

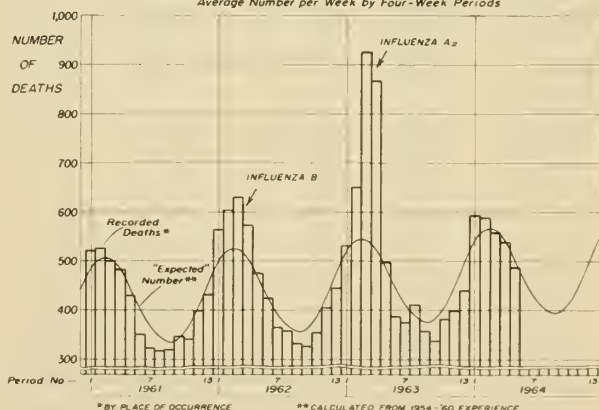
PNEUMONIA-INFLUENZA DEATHS in 108 U.S. CITIES  
Average Number per Week by Four-Week Periods

Table 3 CASES OF SPECIFIED NOTIFIABLE DISEASES. UNITED STATES

FOR WEEKS ENDED

MAY 2, 1964 AND

MAY 4, 1963 ( 18th WEEK)

| Area                    | Aseptic<br>Meningitis |      | Encephalitis |           | Poliomyelitis, Total Cases |      |            |      | Poliomyelitis, Paralytic |      |            |      |
|-------------------------|-----------------------|------|--------------|-----------|----------------------------|------|------------|------|--------------------------|------|------------|------|
|                         |                       |      | Primary      | Post-Inf. | Poliomyelitis, Total Cases |      |            |      | Poliomyelitis, Paralytic |      |            |      |
|                         | 1964                  | 1963 |              |           |                            |      |            |      |                          |      |            |      |
|                         |                       |      | 1964         | 1964      | 1964                       | 1963 | Cumulative |      | 1964                     | 1963 | Cumulative |      |
|                         |                       |      |              |           |                            |      | 1964       | 1963 |                          |      | 1964       | 1963 |
| UNITED STATES...        | 30                    | 22   | 41           | 33        | 1                          | 1    | 24         | 48   | 1                        | 1    | 18         | 43   |
| NEW ENGLAND.....        | -                     | -    | 3            | 1         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Maine.....              | -                     | -    | -            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| New Hampshire.....      | -                     | -    | -            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Vermont.....            | -                     | -    | -            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Massachusetts.....      | -                     | -    | 1            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Rhode Island.....       | -                     | -    | 2            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Connecticut.....        | -                     | -    | -            | 1         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| MIDDLE ATLANTIC.....    | 1                     | 1    | 6            | 4         | -                          | -    | 4          | 5    | -                        | -    | 4          | 5    |
| New York City.....      | 1                     | -    | 2            | -         | -                          | -    | 1          | -    | -                        | -    | 1          | -    |
| New York, Up-State..... | -                     | 1    | -            | -         | -                          | -    | 2          | 4    | -                        | -    | 2          | 4    |
| New Jersey.....         | -                     | -    | 3            | -         | -                          | -    | 1          | -    | -                        | -    | 1          | -    |
| Pennsylvania.....       | -                     | -    | 1            | 4         | -                          | -    | -          | 1    | -                        | -    | -          | 1    |
| EAST NORTH CENTRAL...   | 5                     | -    | 8            | 8         | -                          | -    | 3          | 13   | -                        | -    | 3          | 11   |
| Ohio.....               | -                     | -    | 2            | -         | -                          | -    | 2          | 4    | -                        | -    | 2          | 3    |
| Indiana.....            | -                     | -    | 2            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Illinois.....           | 1                     | -    | 1            | 7         | -                          | -    | 1          | 6    | -                        | -    | 1          | 5    |
| Michigan.....           | 3                     | -    | 2            | 1         | -                          | -    | -          | 3    | -                        | -    | -          | 3    |
| Wisconsin.....          | 1                     | -    | 1            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| WEST NORTH CENTRAL...   | -                     | 2    | 6            | -         | -                          | -    | -          | 1    | -                        | -    | -          | 1    |
| Minnesota.....          | -                     | 2    | 5            | -         | -                          | -    | -          | 1    | -                        | -    | -          | 1    |
| Iowa.....               | -                     | -    | -            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Missouri.....           | -                     | -    | -            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| North Dakota.....       | -                     | -    | -            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| South Dakota.....       | -                     | -    | 1            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Nebraska.....           | -                     | -    | -            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Kansas.....             | -                     | -    | -            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| SOUTH ATLANTIC.....     | 2                     | 3    | 13           | 4         | -                          | -    | 11         | 5    | -                        | -    | 8          | 4    |
| Delaware.....           | 1                     | -    | -            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Maryland.....           | -                     | -    | -            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Dist. of Columbia..     | -                     | -    | -            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Virginia.....           | -                     | -    | 1            | 2         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| West Virginia.....      | -                     | -    | -            | -         | -                          | -    | 1          | -    | -                        | -    | 1          | -    |
| North Carolina.....     | -                     | -    | 2            | -         | -                          | -    | 5          | 2    | -                        | -    | 2          | 2    |
| South Carolina.....     | -                     | -    | -            | -         | -                          | -    | 1          | -    | -                        | -    | 1          | -    |
| Georgia.....            | -                     | -    | -            | 2         | -                          | -    | 1          | 1    | -                        | -    | 1          | -    |
| Florida.....            | 1                     | 3    | 10           | -         | -                          | -    | 3          | 2    | -                        | -    | 3          | 2    |
| EAST SOUTH CENTRAL...   | 3                     | 3    | -            | 1         | 1                          | -    | 2          | 3    | 1                        | -    | 1          | 2    |
| Kentucky.....           | 1                     | -    | -            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Tennessee.....          | 1                     | 1    | -            | 1         | -                          | -    | 1          | 1    | -                        | -    | -          | 1    |
| Alabama.....            | -                     | 1    | -            | -         | 1                          | -    | 1          | 2    | 1                        | -    | 1          | 1    |
| Mississippi.....        | 1                     | 1    | -            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| WEST SOUTH CENTRAL...   | -                     | 4    | 2            | 1         | -                          | -    | 2          | 10   | -                        | -    | 1          | 10   |
| Arkansas.....           | -                     | -    | -            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Louisiana.....          | -                     | -    | 1            | -         | -                          | -    | -          | 8    | -                        | -    | -          | 8    |
| Oklahoma.....           | -                     | 2    | 1            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Texas.....              | -                     | 2    | -            | 1         | -                          | -    | 2          | 2    | -                        | -    | 1          | 2    |
| MOUNTAIN.....           | 4                     | -    | 2            | -         | -                          | -    | 2          | 1    | -                        | -    | 1          | 1    |
| Montana.....            | -                     | -    | -            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Idaho.....              | -                     | -    | -            | -         | -                          | -    | -          | 1    | -                        | -    | -          | 1    |
| Wyoming.....            | 3                     | -    | -            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Colorado.....           | 1                     | -    | -            | -         | -                          | -    | 1          | -    | -                        | -    | 1          | -    |
| New Mexico.....         | -                     | -    | -            | -         | -                          | -    | 1          | -    | -                        | -    | -          | -    |
| Arizona.....            | -                     | -    | 1            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Utah.....               | -                     | -    | 1            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Nevada.....             | -                     | -    | -            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| PACIFIC.....            | 15                    | 9    | 1            | 14        | -                          | 1    | -          | 10   | -                        | 1    | -          | 9    |
| Washington.....         | 3                     | 3    | -            | -         | -                          | -    | -          | 1    | -                        | -    | -          | 1    |
| Oregon.....             | -                     | -    | -            | 2         | -                          | -    | -          | 1    | -                        | -    | -          | 1    |
| California.....         | 12                    | 6    | 1            | 12        | -                          | 1    | -          | 8    | -                        | 1    | -          | 7    |
| Alaska.....             | -                     | -    | -            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Hawaii.....             | -                     | -    | -            | -         | -                          | -    | -          | -    | -                        | -    | -          | -    |
| Puerto Rico             | -                     | -    | -            | -         | -                          | -    | -          | 2    | -                        | -    | -          | 2    |

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

MAY 2, 1964 AND

MAY 4, 1963 ( 18th WEEK) - Continued

| Area                    | Brucellosis |      | Diphtheria |      | Infectious Hepatitis<br>including Serum Hepatitis |                   |                      |                |            |        | Typhoid Fever |              |
|-------------------------|-------------|------|------------|------|---|-------------------|----------------------|----------------|------------|--------|---------------|--------------|
|                         | 1964        | Cum. | 1964       | Cum. | Total   | Under<br>20 years | 20 years<br>and over | Age<br>Unknown | Cumulative |        | 1964          | Cum.<br>1964 |
|                         |             | 1964 |            | 1964 | 1964  | 1964              | 1964                 | 1964           | 1964       | 1963   |               |              |
| UNITED STATES...        | 3           | 133  | 6          | 74   | 747   | 350               | 362                  | 35             | 16,131     | 17,962 | 7             | 118          |
| NEW ENGLAND.....        | 1           | 2    | 1          | 6    | 70  | 29                | 41                   | -              | 1,710      | 2,097  | -             | 7            |
| Maine.....              | -           | -    | 1          | 3    | 20  | 11                | 9                    | -              | 597        | 967    | -             | -            |
| New Hampshire.....      | -           | -    | -          | -    | 3   | 3                 | -                    | -              | 131        | 147    | -             | -            |
| Vermont.....            | -           | -    | -          | -    | 7   | 4                 | 3                    | -              | 212        | 29     | -             | -            |
| Massachusetts.....      | 1           | 2    | -          | 3    | 16  | 2                 | 14                   | -              | 339        | 617    | -             | 4            |
| Rhode Island.....       | -           | -    | -          | -    | 5   | 2                 | 3                    | -              | 81         | 49     | -             | 3            |
| Connecticut.....        | -           | -    | -          | -    | 19  | 7                 | 12                   | -              | 350        | 288    | -             | -            |
| MIDDLE ATLANTIC.....    | -           | 2    | -          | 4    | 183   | 82                | 101                  | -              | 3,693      | 3,459  | 2             | 20           |
| New York City.....      | -           | -    | -          | 1    | 28  | 9                 | 19                   | -              | 537        | 447    | -             | 6            |
| New York, Up-State..... | -           | 1    | -          | -    | 71  | 34                | 37                   | -              | 1,629      | 1,530  | -             | 4            |
| New Jersey.....         | -           | -    | -          | 2    | 35  | 12                | 23                   | -              | 674        | 551    | 1             | 1            |
| Pennsylvania.....       | -           | 1    | -          | 1    | 49  | 27                | 22                   | -              | 853        | 931    | 1             | 9            |
| EAST NORTH CENTRAL...   | -           | 17   | -          | 6    | 125   | 72                | 46                   | 7              | 2,437      | 2,835  | 1             | 26           |
| Ohio.....               | -           | -    | -          | -    | 30  | 15                | 14                   | 1              | 641        | 841    | 1             | 17           |
| Indiana.....            | -           | 1    | -          | -    | 15  | 12                | 3                    | -              | 215        | 256    | -             | 4            |
| Illinois.....           | -           | 12   | -          | 6    | 12  | 4                 | 8                    | -              | 372        | 611    | -             | 3            |
| Michigan.....           | -           | 2    | -          | -    | 52  | 33                | 19                   | -              | 1,034      | 979    | -             | 2            |
| Wisconsin.....          | -           | 2    | -          | -    | 16  | 8                 | 2                    | 6              | 175        | 148    | -             | -            |
| WEST NORTH CENTRAL...   | -           | 70   | 4          | 14   | 38  | 15                | 16                   | 7              | 938        | 821    | -             | 10           |
| Minnesota.....          | -           | 2    | 4          | 6    | 6   | -                 | 5                    | 1              | 79         | 136    | -             | -            |
| Iowa.....               | -           | 40   | -          | -    | 7   | 6                 | 1                    | -              | 139        | 150    | -             | 3            |
| Missouri.....           | -           | 4    | -          | -    | 10  | 2                 | 6                    | 2              | 235        | 327    | -             | 3            |
| North Dakota.....       | -           | 2    | -          | -    | -   | -                 | -                    | -              | 37         | 21     | -             | -            |
| South Dakota.....       | -           | 11   | -          | 1    | 5   | 2                 | 3                    | -              | 97         | 34     | -             | 1            |
| Nebraska.....           | -           | 10   | -          | -    | 1   | -                 | 1                    | -              | 20         | 61     | -             | -            |
| Kansas.....             | -           | 1    | -          | 7    | 9   | 5                 | -                    | 4              | 331        | 92     | -             | 3            |
| SOUTH ATLANTIC.....     | 1           | 8    | 1          | 19   | 69  | 32                | 36                   | 1              | 1,562      | 1,914  | 1             | 26           |
| Delaware.....           | -           | -    | -          | -    | 1   | -                 | 1                    | -              | 34         | 27     | -             | -            |
| Maryland.....           | -           | -    | -          | -    | 16  | 6                 | 10                   | -              | 300        | 213    | -             | 1            |
| Dist. of Columbia..     | -           | -    | -          | -    | 1   | -                 | -                    | 1              | 27         | 60     | -             | -            |
| Virginia.....           | -           | 2    | -          | -    | 7   | 3                 | 4                    | -              | 229        | 422    | -             | 6            |
| West Virginia.....      | -           | -    | -          | -    | 7   | 7                 | -                    | -              | 272        | 280    | -             | -            |
| North Carolina.....     | -           | 1    | -          | -    | 20  | 13                | 7                    | -              | 300        | 510    | -             | 9            |
| South Carolina.....     | -           | -    | -          | 3    | 2   | -                 | 2                    | -              | 56         | 78     | -             | 2            |
| Georgia.....            | 1           | 3    | 1          | 14   | 1   | 1                 | -                    | -              | 36         | 76     | -             | 1            |
| Florida.....            | -           | 2    | -          | 2    | 14  | 2                 | 12                   | -              | 308        | 248    | 1             | 7            |
| EAST SOUTH CENTRAL...   | 1           | 8    | -          | 4    | 46  | 24                | 22                   | -              | 1,107      | 1,874  | 2             | 15           |
| Kentucky.....           | -           | 3    | -          | -    | 14  | 6                 | 8                    | -              | 485        | 554    | -             | 8            |
| Tennessee.....          | 1           | 1    | -          | 1    | 20  | 13                | 7                    | -              | 384        | 755    | -             | 4            |
| Alabama.....            | -           | 3    | -          | 2    | 7   | 3                 | 4                    | -              | 149        | 273    | 1             | 2            |
| Mississippi.....        | -           | 1    | -          | 1    | 5   | 2                 | 3                    | -              | 89         | 292    | 1             | 1            |
| WEST SOUTH CENTRAL...   | -           | 9    | -          | 13   | 43  | 25                | 18                   | -              | 1,161      | 1,204  | -             | 7            |
| Arkansas.....           | -           | 1    | -          | -    | 2   | 2                 | -                    | -              | 129        | 148    | -             | 3            |
| Louisiana.....          | -           | 1    | -          | 3    | 8   | 2                 | 6                    | -              | 236        | 218    | -             | -            |
| Oklahoma.....           | -           | 1    | -          | -    | 3   | 2                 | 1                    | -              | 71         | 64     | -             | 3            |
| Texas.....              | -           | 6    | -          | 10   | 30  | 19                | 11                   | -              | 725        | 774    | -             | 1            |
| MOUNTAIN.....           | -           | 10   | -          | 1    | 28  | 3                 | 5                    | 20             | 1,049      | 1,231  | -             | 1            |
| Montana.....            | -           | -    | -          | -    | 3   | -                 | 1                    | 2              | 102        | 188    | -             | -            |
| Idaho.....              | -           | -    | -          | -    | 2   | -                 | -                    | 2              | 83         | 180    | -             | -            |
| Wyoming.....            | -           | -    | -          | -    | 1   | -                 | 1                    | -              | 34         | 20     | -             | -            |
| Colorado.....           | -           | -    | -          | -    | 7   | 1                 | -                    | 6              | 322        | 253    | -             | -            |
| New Mexico.....         | -           | 1    | -          | 1    | 2   | 1                 | 1                    | -              | 162        | 154    | -             | -            |
| Arizona.....            | -           | 1    | -          | -    | 8   | -                 | -                    | 8              | 223        | 274    | -             | 1            |
| Utah.....               | -           | 7    | -          | 4    | 1   | 2                 | 1                    | 1              | 94         | 152    | -             | -            |
| Nevada.....             | -           | 1    | -          | -    | 1   | -                 | -                    | 1              | 29         | 10     | -             | -            |
| PACIFIC.....            | -           | 7    | -          | 7    | 145   | 68                | 77                   | -              | 2,474      | 2,527  | 1             | 6            |
| Washington.....         | -           | -    | -          | 6    | 22  | 9                 | 13                   | -              | 267        | 424    | -             | 1            |
| Oregon.....             | -           | 1    | -          | -    | 23  | 11                | 12                   | -              | 282        | 348    | -             | -            |
| California.....         | -           | 6    | -          | 1    | 98  | 48                | 50                   | -              | 1,799      | 1,688  | 1             | 5            |
| Alaska.....             | -           | -    | -          | -    | 2   | -                 | 2                    | -              | 77         | 54     | -             | -            |
| Hawaii.....             | -           | -    | -          | -    | -   | -                 | -                    | -              | 49         | 13     | -             | -            |
| Puerto Rico             | -           | -    | -          | 3    | 13  | 8                 | 5                    | -              | 263        | 258    | -             | 6            |

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
FOR WEEKS ENDED

MAY 2, 1964 AND

MAY 4, 1963 ( 18th WEEK) - Continued

| Area                    | Measles | Meningococcal<br>Meningitis |            |       | Streptococcal<br>Sore Throat and<br>Scarlet Fever |       | Tetanus |              | Tularemia |              | Rabies in<br>Animals |              |
|-------------------------|---------|-----------------------------|------------|-------|---|-------|---------|--------------|-----------|--------------|----------------------|--------------|
|                         |         | 1964                        | Cumulative |       | 1964  | 1963  | 1964    | Cum.<br>1964 | 1964      | Cum.<br>1964 | 1964                 | Cum.<br>1964 |
|                         |         |                             | 1964       | 1963  |   |       |         |              |           |              |                      |              |
| UNITED STATES...        | 25,222  | 44                          | 1,092      | 1,081 | 9,501   | 7,568 | 2       | 65           | 2         | 83           | 131                  | 1,619        |
| NEW ENGLAND.....        | 510     | -                           | 31         | 71    | 1,047   | 736   | -       | -            | -         | -            | 3                    | 10           |
| Maine.....              | 125     | -                           | 3          | 11    | 160   | 14    | -       | -            | -         | -            | 3                    | 8            |
| New Hampshire.....      | 3       | -                           | -          | 2     | 3   | 2     | -       | -            | -         | -            | -                    | 1            |
| Vermont.....            | 51      | -                           | 1          | 2     | 14  | 1     | -       | -            | -         | -            | -                    | 1            |
| Massachusetts.....      | 141     | -                           | 13         | 34    | 110   | 164   | -       | -            | -         | -            | -                    | -            |
| Rhode Island.....       | 103     | -                           | 2          | 6     | 39  | 52    | -       | -            | -         | -            | -                    | -            |
| Connecticut.....        | 87      | -                           | 12         | 16    | 721   | 503   | -       | -            | -         | -            | -                    | -            |
| MIDDLE ATLANTIC.....    | 2,551   | 4                           | 102        | 146   | 742   | 499   | -       | 3            | -         | -            | 2                    | 32           |
| New York City.....      | 609     | -                           | 19         | 19    | 40  | 34    | -       | -            | -         | -            | -                    | -            |
| New York, Up-State..... | 496     | 3                           | 38         | 48    | 499   | 276   | -       | -            | -         | -            | 2                    | 31           |
| New Jersey.....         | 628     | -                           | 14         | 23    | 108   | 120   | -       | 2            | -         | -            | -                    | -            |
| Pennsylvania.....       | 818     | 1                           | 31         | 56    | 95  | 69    | -       | 1            | -         | -            | -                    | 1            |
| EAST NORTH CENTRAL...   | 5,190   | 8                           | 172        | 178   | 1,189   | 965   | -       | 4            | -         | 8            | 22                   | 196          |
| Ohio.....               | 1,042   | -                           | 48         | 50    | 229   | 116   | -       | 1            | -         | 1            | 8                    | 101          |
| Indiana.....            | 951     | 2                           | 30         | 22    | 138   | 132   | -       | -            | -         | -            | 1                    | 9            |
| Illinois.....           | 993     | 2                           | 37         | 27    | 180   | 154   | -       | 2            | -         | 5            | 9                    | 48           |
| Michigan.....           | 1,572   | 3                           | 42         | 57    | 373   | 329   | -       | 1            | -         | 1            | 3                    | 15           |
| Wisconsin.....          | 632     | 1                           | 15         | 22    | 269   | 234   | -       | -            | -         | 1            | 1                    | 23           |
| WEST NORTH CENTRAL...   | 1,621   | 5                           | 66         | 64    | 272   | 255   | -       | 3            | -         | 21           | 44                   | 518          |
| Minnesota.....          | 3       | 1                           | 13         | 11    | 28  | 20    | -       | -            | -         | 1            | 15                   | 156          |
| Iowa.....               | 1,306   | -                           | 3          | 3     | 90  | 91    | -       | 1            | -         | 1            | 12                   | 179          |
| Missouri.....           | 56      | 3                           | 36         | 25    | 12  | 4     | -       | 2            | -         | 13           | 7                    | 93           |
| North Dakota.....       | 222     | 1                           | 5          | 1     | 104   | 129   | -       | -            | -         | -            | 2                    | 23           |
| South Dakota.....       | -       | -                           | -          | 4     | 11  | 3     | -       | -            | -         | -            | 4                    | 45           |
| Nebraska.....           | 34      | -                           | 4          | 16    | 1   | -     | -       | -            | -         | -            | 1                    | 11           |
| Kansas.....             | NN      | -                           | 5          | 4     | 26  | 8     | -       | -            | -         | 6            | 3                    | 11           |
| SOUTH ATLANTIC.....     | 2,680   | 9                           | 242        | 210   | 933   | 557   | 2       | 29           | -         | 15           | 10                   | 241          |
| Delaware.....           | 26      | -                           | 3          | 1     | 15  | 6     | -       | -            | -         | -            | -                    | -            |
| Maryland.....           | 81      | 1                           | 18         | 29    | 187   | 43    | -       | 2            | -         | -            | -                    | -            |
| Dist. of Columbia..     | 7       | -                           | 7          | 4     | 10  | -     | -       | -            | -         | -            | -                    | -            |
| Virginia.....           | 1,112   | 1                           | 27         | 51    | 152   | 212   | -       | 4            | -         | 3            | 4                    | 157          |
| West Virginia.....      | 670     | 1                           | 18         | 11    | 216   | 126   | -       | -            | -         | -            | 1                    | 13           |
| North Carolina.....     | 24      | 2                           | 42         | 32    | 13  | 19    | 1       | 8            | -         | 4            | -                    | 2            |
| South Carolina.....     | 301     | 3                           | 39         | 12    | 76  | 25    | -       | 3            | -         | -            | -                    | -            |
| Georgia.....            | 4       | -                           | 18         | 11    | -   | 2     | -       | 1            | -         | 8            | 4                    | 39           |
| Florida.....            | 455     | 1                           | 70         | 59    | 264   | 124   | 1       | 11           | -         | -            | 1                    | 30           |
| EAST SOUTH CENTRAL...   | 3,140   | 4                           | 112        | 88    | 1,314   | 1,211 | -       | 9            | -         | 16           | 13                   | 246          |
| Kentucky.....           | 323     | 2                           | 39         | 20    | 180   | 157   | -       | 1            | -         | 1            | 3                    | 35           |
| Tennessee.....          | 1,479   | -                           | 38         | 39    | 1,067   | 1,017 | -       | 4            | -         | 11           | 10                   | 201          |
| Alabama.....            | 419     | -                           | 18         | 13    | 10  | 16    | -       | 3            | -         | 3            | -                    | 10           |
| Mississippi.....        | 919     | 2                           | 17         | 16    | 57  | 21    | -       | 1            | -         | 1            | -                    | -            |
| WEST SOUTH CENTRAL...   | 5,000   | 5                           | 101        | 114   | 663   | 616   | -       | 8            | 1         | 17           | 22                   | 245          |
| Arkansas.....           | 49      | 1                           | 10         | 7     | 3   | 14    | -       | 2            | 1         | 5            | 7                    | 64           |
| Louisiana.....          | 5       | 2                           | 79         | 48    | 3   | 3     | -       | 3            | -         | -            | 3                    | 25           |
| Oklahoma.....           | 34      | -                           | 3          | 22    | 30  | 25    | -       | -            | -         | 11           | 3                    | 32           |
| Texas.....              | 4,912   | 2                           | 9          | 37    | 627   | 574   | -       | 3            | -         | 1            | 9                    | 124          |
| MOUNTAIN.....           | 1,007   | 3                           | 42         | 39    | 1,935   | 1,291 | -       | 2            | 1         | 6            | 1                    | 55           |
| Montana.....            | 124     | -                           | -          | 2     | 57  | 24    | -       | -            | -         | 1            | -                    | -            |
| Idaho.....              | 54      | -                           | 1          | 3     | 84  | 133   | -       | -            | -         | -            | -                    | -            |
| Wyoming.....            | 10      | 1                           | 3          | 1     | 2   | 57    | -       | 1            | -         | 2            | -                    | -            |
| Colorado.....           | 221     | 1                           | 9          | 11    | 1,023   | 373   | -       | -            | -         | -            | -                    | -            |
| New Mexico.....         | 19      | -                           | 18         | 2     | 399   | 346   | -       | 1            | -         | -            | -                    | 25           |
| Arizona.....            | 430     | -                           | 3          | 6     | 136   | 201   | -       | -            | -         | -            | 1                    | 30           |
| Utah.....               | 114     | 1                           | 2          | 11    | 234   | 156   | -       | -            | 1         | 3            | -                    | -            |
| Nevada.....             | 35      | -                           | 6          | 3     | -   | 1     | -       | -            | -         | -            | -                    | -            |
| PACIFIC.....            | 3,523   | 6                           | 224        | 171   | 1,406   | 1,438 | -       | 7            | -         | -            | 14                   | 76           |
| Washington.....         | 1,308   | -                           | 18         | 13    | 500   | 543   | -       | -            | -         | -            | -                    | -            |
| Oregon.....             | 491     | 1                           | 16         | 9     | 41  | 19    | -       | -            | -         | -            | -                    | 1            |
| California.....         | 1,696   | 5                           | 177        | 139   | 814   | 703   | -       | 7            | -         | -            | 14                   | 75           |
| Alaska.....             | 5       | -                           | 6          | 5     | 19  | 78    | -       | -            | -         | -            | -                    | -            |
| Hawaii.....             | 23      | -                           | 7          | 5     | 32  | 95    | -       | -            | -         | -            | -                    | -            |
| Puerto Rico             | 210     | -                           | 14         | 4     | 9   | 38    | -       | 24           | -         | -            | -                    | 9            |

Table 4 (B). REPORTED PNEUMONIA-INFLUENZA DEATHS IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)<sup>o</sup>

| Area                       | For weeks ending |      |      |     | Area                       | For weeks ending |      |      |       |
|----------------------------|------------------|------|------|-----|----------------------------|------------------|------|------|-------|
|                            | 4/11             | 4/18 | 4/25 | 5/2 |                            | 4/11             | 4/18 | 4/25 | 5/2   |
| <b>NEW ENGLAND:</b>        |                  |      |      |     | <b>SOUTH ATLANTIC:</b>     |                  |      |      |       |
| Boston, Mass.....          | 12               | 7    | 9    | 6   | Atlanta, Ga.....           | 2                | 5    | 2    | 4     |
| Bridgeport, Conn.....      | 5                | 4    | 4    | 2   | Baltimore, Md.....         | 10               | 4    | 7    | 6*    |
| Cambridge, Mass.....       | -                | -    | -    | 1   | Charlotte, N.C.....        | 2                | -    | 1    | 2     |
| Fall River, Mass.....      | 1                | 2    | -    | 7   | Jacksonville, Fla.....     | 2                | 3    | 2    | 2     |
| Hartford, Conn.....        | -                | 1    | 1    | 2   | Miami, Fla.....            | -                | 1    | -    | 1     |
| Lowell, Mass.....          | -                | -    | 1    | -   | Norfolk, Va.....           | 1                | 6    | 1    | 2     |
| Lynn, Mass.....            | -                | -    | 1    | 3   | Richmond, Va.....          | -                | 4    | 3    | 1     |
| New Bedford, Mass.....     | 1                | 1    | 1    | 1   | Savannah, Ga.....          | 5                | 5    | 2    | 4     |
| New Haven, Conn.....       | -                | 4    | -    | 2   | St. Petersburg, Fla.....   | 8                | 9    | 3    | 8     |
| Providence, R.I.....       | 3                | 2    | 2    | 3   | Tampa, Fla.....            | 7                | 7    | 7    | 10    |
| Somerville, Mass.....      | 3                | 1    | 1    | 1   | Washington, D.C.....       | 12               | 9    | 9    | 2     |
| Springfield, Mass.....     | -                | 3    | 7    | 5   | Wilmington, Del.....       | 3                | 3    | 5    | 1     |
| Waterbury, Conn.....       | -                | -    | -    | -   |                            |                  |      |      |       |
| Worcester, Mass.....       | 8                | 5    | 3    | 6   | <b>EAST SOUTH CENTRAL:</b> |                  |      |      |       |
| <b>MIDDLE ATLANTIC:</b>    |                  |      |      |     | Birmingham, Ala.....       | 2                | 4    | 1    | 3     |
| Albany, N.Y.....           | -                | 3    | 1    | 2   | Chattanooga, Tenn.....     | 4                | 2    | 1    | 2     |
| Allentown, Pa.....         | 1                | 2    | 1    | 4   | Knoxville, Tenn.....       | 4                | 1    | 2    | 2     |
| Buffalo, N.Y.....          | 4                | 6    | 7    | 6   | Louisville, Ky.....        | 13               | 7    | 8    | 14    |
| Camden, N.J.....           | -                | 3    | 2    | 4   | Memphis, Tenn.....         | 7                | 7    | 5    | 10    |
| Elizabeth, N.J.....        | 1                | 1    | 1    | 1   | Mobile, Ala.....           | -                | -    | 1    | 1     |
| Erie, Pa.....              | -                | 2    | -    | 1   | Montgomery, Ala.....       | 5                | 3    | 4    | 2     |
| Jersey City, N.J.....      | 5                | 3    | 6    | 1   | Nashville, Tenn.....       | 3                | 10   | 3    | 7     |
| Newark, N.J.....           | 6                | 4    | 5    | 3   | <b>WEST SOUTH CENTRAL:</b> |                  |      |      |       |
| New York City, N.Y.....    | 71               | 54   | 66   | 56  | Austin, Tex.....           | 4                | 2    | 8    | 4     |
| Paterson, N.J.....         | 3                | 10   | 2    | 2   | Baton Rouge, La.....       | 1                | 1    | 1    | 1     |
| Philadelphia, Pa.....      | 20               | 19   | 18   | 23  | Corpus Christi, Tex.....   | -                | -    | -    | -     |
| Pittsburgh, Pa.....        | 4                | 4    | 5    | 8   | Dallas, Tex.....           | 5                | 7    | 4    | 1     |
| Reading, Pa.....           | 5                | 5    | 2    | 2   | El Paso, Tex.....          | 4                | 3    | -    | 1     |
| Rochester, N.Y.....        | 12               | 10   | 13   | 12  | Fort Worth, Tex.....       | 4                | 4    | 1    | -     |
| Schenectady, N.Y.....      | 2                | 3    | 1    | -   | Houston, Tex.....          | 3                | 1    | 11   | 6     |
| Scranton, Pa.....          | -                | 1    | 1    | 1   | Little Rock, Ark.....      | 4                | 5    | 3    | 5     |
| Syracuse, N.Y.....         | 2                | 1    | 3    | 1   | New Orleans, La.....       | 8                | 5    | 3    | 6     |
| Trenton, N.J.....          | 4                | 3    | 1    | 1   | Oklahoma City, Okla.....   | 3                | 4    | 2    | 2     |
| Utica, N.Y.....            | -                | 1    | 1    | 2   | San Antonio, Tex.....      | 6                | 3    | 3    | 3     |
| Yonkers, N.Y.....          | 4                | 2    | 3    | -   | Shreveport, La.....        | 2                | 4    | 9    | 4     |
| <b>EAST NORTH CENTRAL:</b> |                  |      |      |     | Tulsa, Okla.....           | 5                | 2    | 1    | 2     |
| Akron, Ohio.....           | 1                | -    | 1    | -   | <b>MOUNTAIN:</b>           |                  |      |      |       |
| Canton, Ohio.....          | 2                | 4    | 5    | 4   | Albuquerque, N. Mex.....   | 3                | 4    | 1    | 1     |
| Chicago, Ill.....          | 39               | 35   | 46   | 38  | Colorado Springs, Colo...  | 4                | 2    | 2    | 2     |
| Cincinnati, Ohio.....      | 4                | 8    | 2    | 3   | Denver, Colo.....          | 10               | 7    | 5    | 3     |
| Cleveland, Ohio.....       | 2                | -    | 2    | 6   | Ogden, Utah.....           | 2                | -    | -    | 4     |
| Columbus, Ohio.....        | 4                | 2    | 2    | 2   | Phoenix, Ariz.....         | 3                | 1    | 4    | 4     |
| Dayton, Ohio.....          | 4                | 2    | 2    | 1   | Pueblo, Colo.....          | 3                | 2    | 1    | 2     |
| Detroit, Mich.....         | 16               | 17   | 19   | 5   | Salt Lake City, Utah.....  | 2                | 1    | 1    | -     |
| Evansville, Ind.....       | 4                | 2    | 3    | 1   | Tucson, Ariz.....          | 2                | 1    | 3    | 1     |
| Flint, Mich.....           | 2                | 5    | 5    | 4   | <b>PACIFIC:</b>            |                  |      |      |       |
| Fort Wayne, Ind.....       | 6                | 7    | 5    | 1   | Berkeley, Calif.....       | -                | -    | -    | -     |
| Gary, Ind.....             | 5                | 2    | -    | 1   | Fresno, Calif.....         | 1                | 3    | 3    | -     |
| Grand Rapids, Mich.....    | 5                | 3    | 3    | 5   | Glendale, Calif.....       | -                | 1    | -    | -     |
| Indianapolis, Ind.....     | 3                | 6    | 5    | 2   | Honolulu, Hawaii.....      | 1                | 6    | 1    | 1     |
| Madison, Wis.....          | -                | -    | -    | -   | Long Beach, Calif.....     | 4                | 4    | 1    | 3     |
| Milwaukee, Wis.....        | 3                | 5    | 2    | 2   | Los Angeles, Calif.....    | 30               | 25   | 29   | 16    |
| Peoria, Ill.....           | -                | -    | -    | -   | Oakland, Calif.....        | 6                | 4    | 3    | 3     |
| Rockford, Ill.....         | 2                | -    | 1    | 1   | Pasadena, Calif.....       | -                | -    | 1    | -     |
| South Bend, Ind.....       | 3                | 3    | 3    | 3   | Portland, Oreg.....        | -                | 1    | 4    | 2     |
| Toledo, Ohio.....          | 6                | 4    | 2    | 2   | Sacramento, Calif.....     | 3                | 2    | 4    | 2     |
| Youngstown, Ohio.....      | -                | 1    | 1    | 1   | San Diego, Calif.....      | 4                | 7    | 2    | 1     |
| <b>WEST NORTH CENTRAL:</b> |                  |      |      |     | San Francisco, Calif.....  | 8                | 13   | 3    | 1     |
| Des Moines, Iowa.....      | 4                | 3    | 5    | -   | San Jose, Calif.....       | 8                | 14   | 10   | 6     |
| Duluth, Minn.....          | 1                | -    | -    | 1   | Seattle, Wash.....         | 4                | 7    | 2    | 4     |
| Kansas City, Kans.....     | 2                | 3    | 2    | -   | Spokane, Wash.....         | 2                | -    | 2    | 1     |
| Kansas City, Mo.....       | 5                | 5    | 10   | 5   | Tacoma, Wash.....          | 1                | 2    | 1    | 2     |
| Lincoln, Nebr.....         | -                | 3    | -    | -   |                            |                  |      |      |       |
| Minneapolis, Minn.....     | 8                | 5    | 4    | 1   | San Juan, P.R.....         | 2                | -    | 2    | (---) |
| Omaha, Nebr.....           | 4                | 2    | 4    | -   |                            |                  |      |      |       |
| St. Louis, Mo.....         | 5                | 5    | 6    | 6   |                            |                  |      |      |       |
| St. Paul, Minn.....        | 8                | 6    | 6    | 3   |                            |                  |      |      |       |
| Wichita, Kans.....         | 9                | 7    | 5    | 8   |                            |                  |      |      |       |

<sup>o</sup>Current Week Mortality for 108 Selected Cities

\*Estimate - based on average percent of divisional total.  
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

4(A) Total Mortality, all ages..... 11,460  
4(B) Pneumonia-Influenza Deaths, all ages..... 424  
4(C) Total Deaths under 1 Year of Age..... 741  
4(D) Total Deaths, Persons 65 years and over..... 6,316



## INTERNATIONAL NOTES – QUARANTINE MEASURES

*Immunization Information for International Travel*

1963-64 edition – Public Health Service Publication No. 384

The following information should be added to the list of Yellow Fever Vaccination Centers in Section 6:

Page 72

City: Boston, Massachusetts

Center: The Logan International Airport  
Medical Station of the  
Massachusetts General Hospital  
Logan International Airport  
Gate 23  
Tel. LA 3-8200 x 2641 and 2642

In addition to the established procedures for reporting morbidity and mortality, the Communicable Disease Center welcomes accounts of interesting outbreaks or cases. Such accounts should be addressed to:

Lawrence K. Altman, M.D., Editor  
Morbidity and Mortality Weekly Report  
Communicable Disease Center  
Atlanta, Georgia 30333

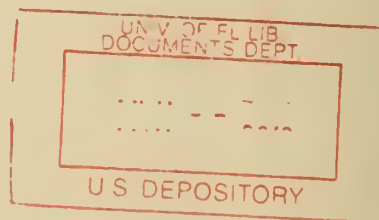
*Notes: These provisional data are based on weekly telegrams to the Communicable Disease Center by the individual State health departments.*

*Symbols: - - - Data not available  
Quantity zero*

*Procedures for construction of various mortality curves may be obtained from Statistics Section, Communicable Disease Center, Public Health Service, U. S. Department of Health, Education, and Welfare, Atlanta, Georgia 30333.*

Clinic Hours: Tuesday & Saturday, 11: a.m. – 12:00 a.m.

Fee: Yes



U. S. DEPARTMENT OF  
HEALTH, EDUCATION, AND WELFARE  
PUBLIC HEALTH SERVICE  
Communicable Disease Center  
Atlanta, Georgia 30333  
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